

I Claim:

1. A therapeutic vibration apparatus comprising:

a vibration platform having an upper surface and a bottom surface;

a reversible motor mounted to the bottom surface of the vibration platform and connected to a drive shaft having a longitudinal axis;

a fixed weight eccentrically mounted to the drive shaft and secured thereto;

a rotatable weight eccentrically mounted to the drive shaft in rotatable relation thereto;

the fixed weight further including a stop protruding outwardly from the fixed weight adjacent to the drive shaft and extending in a direction parallel with the longitudinal axis of the drive shaft;

the rotatable weight positioned on the drive shaft at a position to be caught by the stop when the drive shaft is rotating; and

means for reversing the direction of rotation of the motor.

2. The therapeutic vibration apparatus according to Claim 1 further including a pair of spaced apart pillow block bearings mounted to the bottom surface of the

vibration platform for receiving and supporting the drive shaft and wherein the fixed weight and rotatable weight are mounted to the drive shaft between the pillow block bearings.

3. The therapeutic vibration apparatus according to Claim 1 including a base frame for resting on a ground surface and a resilient support connected between the base frame and the vibration platform for resiliently supporting the vibration platform in spaced apart relation above the base frame.

4. The therapeutic vibration apparatus according to Claim 3 wherein at least two resilient supports support the vibration platform and wherein at least one of the resilient supports has a height less than at least one of the other resilient supports.

5. The therapeutic vibration apparatus according to Claim 1 further including means for increasing the mass of the fixed weight.